

50-395A



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DEC 6 1978

Docket No. 50-395

South Carolina Electric and Gas Company
ATTN: Mr. E. H. Crews, Jr.
Vice President - Engineering
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Gentlemen:

I am transmitting herewith one complete version of the table entitled "Proposed Threatened and Endangered Species Which Occur in South Carolina." This table is intended to be included in its completed form within the Request for Additional Information for the Virgil C. Summer Nuclear Station which was transmitted by my letter of July 25, 1978.

A fully complete version of the table was inadvertently omitted from the July 25, 1978 correspondence, however it was provided informally to Mr. Whitaker by Mr. Watkins of this office.

Sincerely,

Ronald L. Ballard
Ronald L. Ballard, Chief
Environmental Projects Branch 1
Division of Site Safety and
Environmental Analysis

Enclosure:
As stated

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Virgil C. Summer Nuclear Station, Unit No. 1
Docket No. 50-395
South Carolina Electric & Gas Company

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PROPOSED THREATENED AND ENDANGERED SPECIES WHICH OCCUR IN SOUTH CAROLINA

References:

1. Rosenkrans; 2. Small; 3. Fernald; 4. Britton & Brown; 5. Hitchcock

Endangered:

1. Hexastylis naniflora - (N.D., in 1,2,3,4) (Asakumsyn)
2. Draba aprica - Dry Soil, upper piedmont of Ga. (2); woods and clearings. N. Ga. to Ark., Mo.; Apr., May (3); (N.D. 1,4).
3. Shortia galacifolia var brevistyla (Sherwoodia syn) - Oconee, Pikens Cos., ravines (1); ravines, stream-banks in acid humus, inner Piedmont & Blue Ridge (2); (N.D., 3,4)
4. Shortia g. var galacifolia - as above
5. Elliottia racemosa - Georgia only (2); (N.D., 1,3,4)
6. Kalmia cuneata - Acid swamps, coastal plain (2); (N.D., 1,3,4)
7. Hymenocallis coronaria - Roadside ditch NR Moncks Corner, Berkeley Co. (1); Stream banks, rock islands, shoals, coastal plain & adj. piedmont, mostly above fall line (2); (N.D., 3,4)
8. Ribes echinellum - Rich woods along lakeshore in Fla. (2); (N.D., 1,3,4)
9. Amphianthus pusillus - Aquatic annual in shallow granite depressions of piedmont; germinates irregular yrs (2); (N.D., 1,3,4)

Threatened:

10. Ptilimnium fluviatile - Rocky beds of streams, in Appalachia, sum-fall (2); (N.D., 1,3,4)
11. P. nodosum - Shallow ponds, coastal plain; spring/summer (2) (Harperella syn) (N.D., 1,3,4)
12. Ilex amelanchar - Sandy swamps, coastal plain; spring (2) (3); (N.D., 1,4)
13. Echinacea laevigata - Woods & fields, piedmont; summer/fall (1,2,3); (N.D., 4)
14. Helianthus schweinitzii - Dry, sandy, rocky woods (2); (N.D., 1,3,4)
15. Rudbeckia heliopsidis - woods & low ground, piedmont & Appalachia (2); pine & oakwoods & thickets, very local (3); (N.D., 1,4)
16. Senecio millefolium - Cliffs, Blue Ridge (2); Wet or dry rocks, mts of S.C. (3); (N.D., 1,4)

17. Arenaria godfreyi - (N.D., 1,2,3,4)
18. Sedum pusillum - Rocks, chiefly granite, piedmont and B. Ridge (2); (N.D., 1,3,4)
19. Carex chapmannii (C. validior syn.) - Dry ridges in acid soils; coastal plain & adjacent prov. (2); (N.D., 1,3,4)
20. Pyxidantha brevifolia - Sandhills, interior coastal plain (2); (N.D., 1,3,4)
21. Dionaea muscipula - sandy bogs, low pinelands, savannas, Hoary & Williamsburg Co., acid soil E. South Carolina coastal plain (1,2); (N.D., 3,4)
22. Lachnocaulon beyrichianum - Sandy shores & springy places, coastal plain (2); (N.D., 1,3,4)
23. Quercus georgiana - Granite and sandstone ridges, piedmont (2); (N.D., 1,3,4)
24. Q. ogilthorpensis - (N.D., 1,2,3,4)
25. Isoetes melanospora - (N.D., 1,2,3,4)
26. Myriophyllum laxum - Ponds & lakes, coastal plain (2); (N.D., 1,3,4)
27. Juncus gymnocarpus - Acid swamps, coastal plain, Appal. (2); mossy swamps v. local, mts (3); swamps, in mts (4) (N.D., 1)
28. Dicerandra odoratissima - Sandhills, coastal plain (2); (N.D., 1,3,4)
29. Lindera melissifolia (Benzoin melissaefolium syn) - Swamps, pond margins, coastal plain & adj. prov. (2); Swamps & pond margins, v. local (3); Swamps & wet soil, Feb-Mar (4) (N.D., 1)
30. Litsea aestivalis - (L. geniculata; Glabraria geniculata, syn) - Swamps & ponds, coastal plain & rarely adj. provinces (2); ponds & wet swamps, rare (3); swamps & wet soil, Mar - Apr (4) (N.D., 1).
31. Trillium pusillum var pusillum (no var pusillum; var, virginianum in damp woodlands of S.E. VA. (3); T. pusillum in woods, C. plain (2); damp to dryish acid woods (3); (N.D., 1,4)
32. Platanthera integra (Habenaria, Gymnadeniopsis, Blephariglottis, syn) - (Gymn. Moist pinelands and acid bogs, coastal plain, rarely adj. prov. (2); (Hab.) savannas, sphagnous bogs, wet pine Barrens (3,4); (N.D., 1)
33. Platanthera peramoena - (Syn as above) low woods, thickets, Green Co. (1); Meadows, stream banks, Blue Ridge/Appalachian prov. (2); Meadows, bogs, alluvial thickets, low woods (3); moist meadows (4).
34. Calamovilfa brevipilis var brevipilis - (N.D., 1,2,3,4,5); other vars. included are calvipes (3,5), Heterolepis (5)

35. Panicum lithophilum - Granite outcrops, GA (5) (N.D., 1,2,3,4)
36. Sporobolus teretifolius - Moist pinelands, coastal plain (2); moist pine barrens (5) (N.D., 1,3,4)
37. Asplenium heteroresiliens - (N.D., 1,2,3,4)
38. Portulaca smallii - Sandy soil on granite outcrops, piedmont (2); (N.D., 1,3,4)
39. Agrimonia incisa - Pinelands, coastal plain (2); (N.D., 1,3,4)
40. Waldsteinia lobata - Streambanks (1); banks of rivers, coastal plain and piedmont (2); (N.D., 3,4)
41. Mestronia umbellula - woods and stream banks, piedmont to Appalachian plateau; parasitic on deciduous trees and shrubs (2); uplands (3); in woods and along streams (4); (N.D., 1)
42. Sarrasenia rubra - Boggy pinelands, coastal plain (1); bogs and low pinelands, coastal plain and adj. piedmont (2); (N.D., 3,4)
43. Schisandra glabra - Rich woods, coastal plain (1); (N.D., 2,3,4)